

REMARKS

In the Office Action dated June 14, 2007, the Examiner indicates that claims 1 through 28, 42 and 43 are allowed. Additionally, the Examiner rejects claims 29 through 41 and claims 44 through 46 under 35 U.S.C. § 101 as being directed towards non-statutory subject matter. Applicants respectfully request reconsideration and withdrawal of the rejection in light of the remarks below.

Applicants would like to thank Examiner Radtke for providing an opportunity to discuss the allowability of claims 29 through 41 and claims 44 through 46 on June 7, 2007. Applicants would further like to thank the Examiner for indicating that pending claims 1 through 28, 42 and 43 are allowable over U.S. Patent No. 6,684,205 ("Modha").

Independent claim 29 is rejected under 35 U.S.C. § 101 as being directed towards non-statutory subject matter. Specifically, on page 3 of the Non-Final Office Action dated June 14, 2007, the Examiner indicates that "the modules of claim 29 and its dependents are defined solely as software in the Applicant's specification... Claim 40 and its dependent require the ability to be executed by a processor in order to be statutory." Thus, in view of the Examiner's suggested amendments, independent claim 29 is amended to recite that each module is executed by a processor to overcome the rejection of 35 U.S.C. § 101. Additionally, independent claim 40 is amended to recite that the program code is executable by a processor as suggested by the Examiner to overcome the 35 U.S.C. § 101 rejection.

Independent claim 44 is also rejected under 35 U.S.C. § 101 as being directed towards non-statutory subject matter. Specifically, on page 3 of the Non-Final

Office Action dated June 14, 2007, the Examiner indicates that “[i]f ‘the event’ of line 10 never occurs, the claimed invention would ‘lock up’ or pause indefinitely.” Although Applicants respectfully disagree with the Examiner, in order to expedite prosecution of the present application to Allowance Applicants hereby amend claim 44 in accordance with the Examiner’s suggested amendment to recite “upon determining that” to overcome the 35 U.S.C. § 101 rejection.

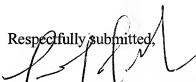
Thus, Applicants respectfully request withdrawal of the rejection of claims 29, 40 and 44 in view of the present amendments. Because claims 30 through 39 depend from independent claim 29, claims 41 through 43 depend from independent claim 40, and claims 45 through 46 depend from independent claim 44 (and therefore include all of the elements of claim 29, 40 and 44, respectively), it is respectfully submitted that these claims are also allowable for at least the same reasons.

For at least all of the above reasons, Applicants respectfully request that the Examiner withdraw all rejections and objections, and allowance of all the pending claims is respectfully solicited. To expedite prosecution of this application to allowance, the examiner is invited to call the Applicants’ undersigned representative to discuss any issues relating to this application.

Dated: July 9, 2007

THIS CORRESPONDENCE IS BEING
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Respectfully submitted,



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